

# CEILING SYSTEMS

Systems with architectural grids and meshes

**CUSTOMERS IN 60 COUNTRIES ACROSS** THE WORLD

MANUFACTURING **FACILITIES** 

+60 | 50 | 35

WE WORK IN ACCORDANCE WITH EN 1090, ISO 9001:2015, TUV

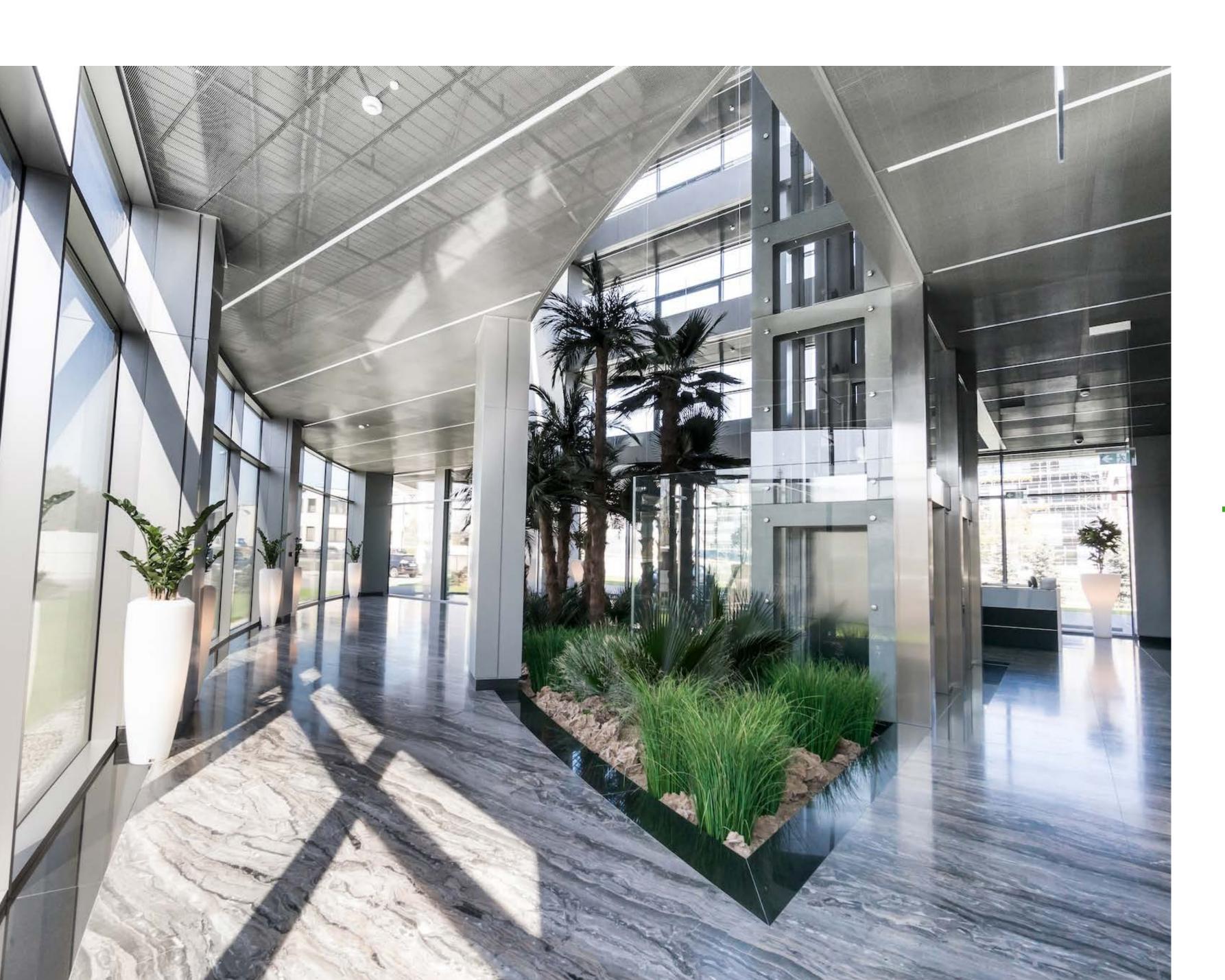
YEARS OF **EXPERIENCE** 

A TEAM OF 300 SPECIALISTS

+300 360°

**COMPREHENSIVE DESIGN** AND INVESTMENT SUPPORT





# LET'S TAKE CARE OF OUR ENVIRONMENT TOGETHER

- Reduction of solar exposure and energy consumption.
- Effective production processes and waste reduction.
- Recyclable materials.







**MORE THAN** 

# PATTERNS OF METAL ARCHITECTURAL MESHES AND GRIDS



### WIDE RANGE OF MATERIALS

Stainless steel, low carbon steel, galvanised steel, copper, brass, bronze, aluminium, Pro-ZINAL®.



### FINISHING AND COLOURS

Full RAL palette, HWF and PVDF custom colours, anodising.



### PERSONALISED IMPRINT

Logo or personalised artwork directly on the mesh/grid.



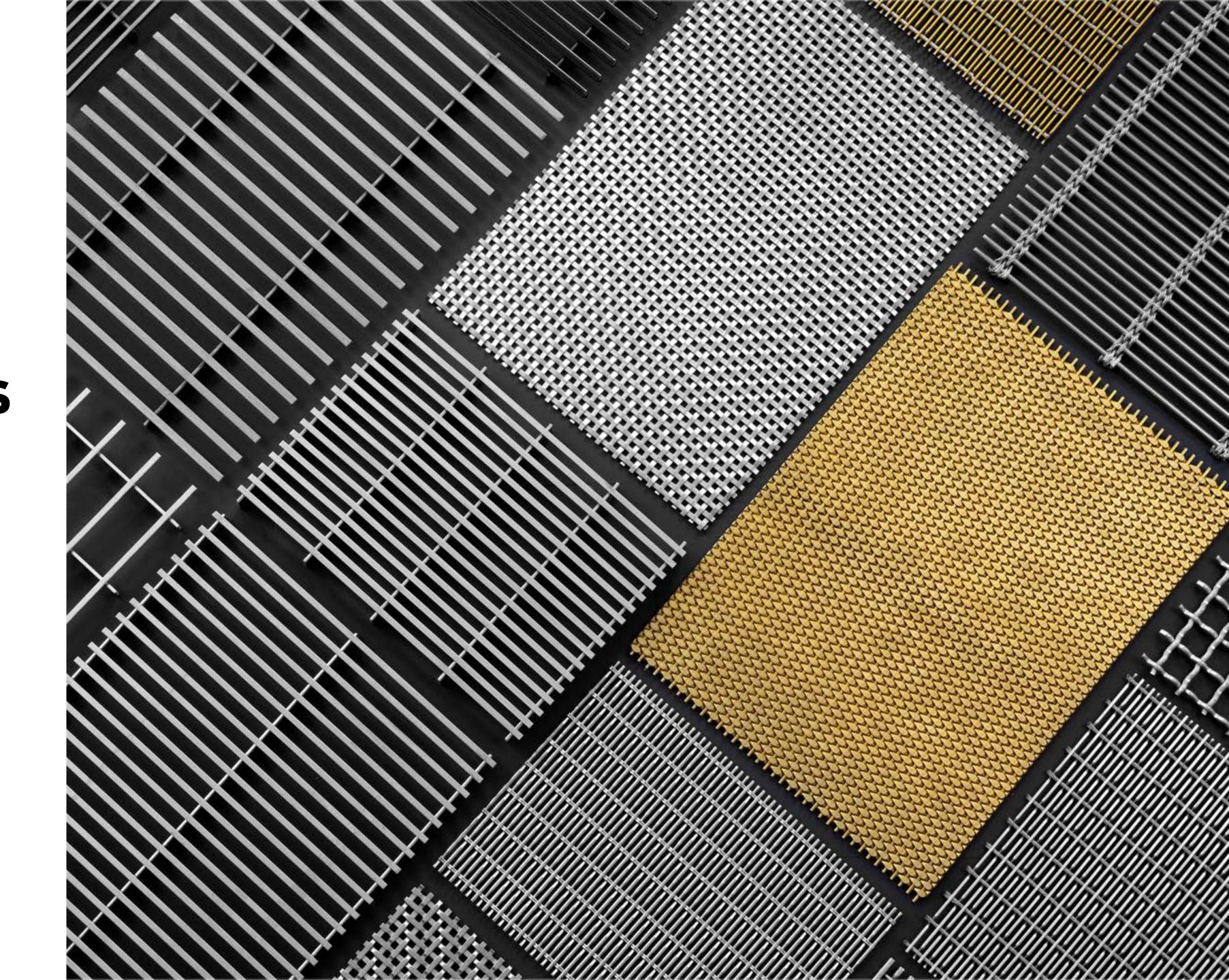
### **LARGE FORMAT PANELS**

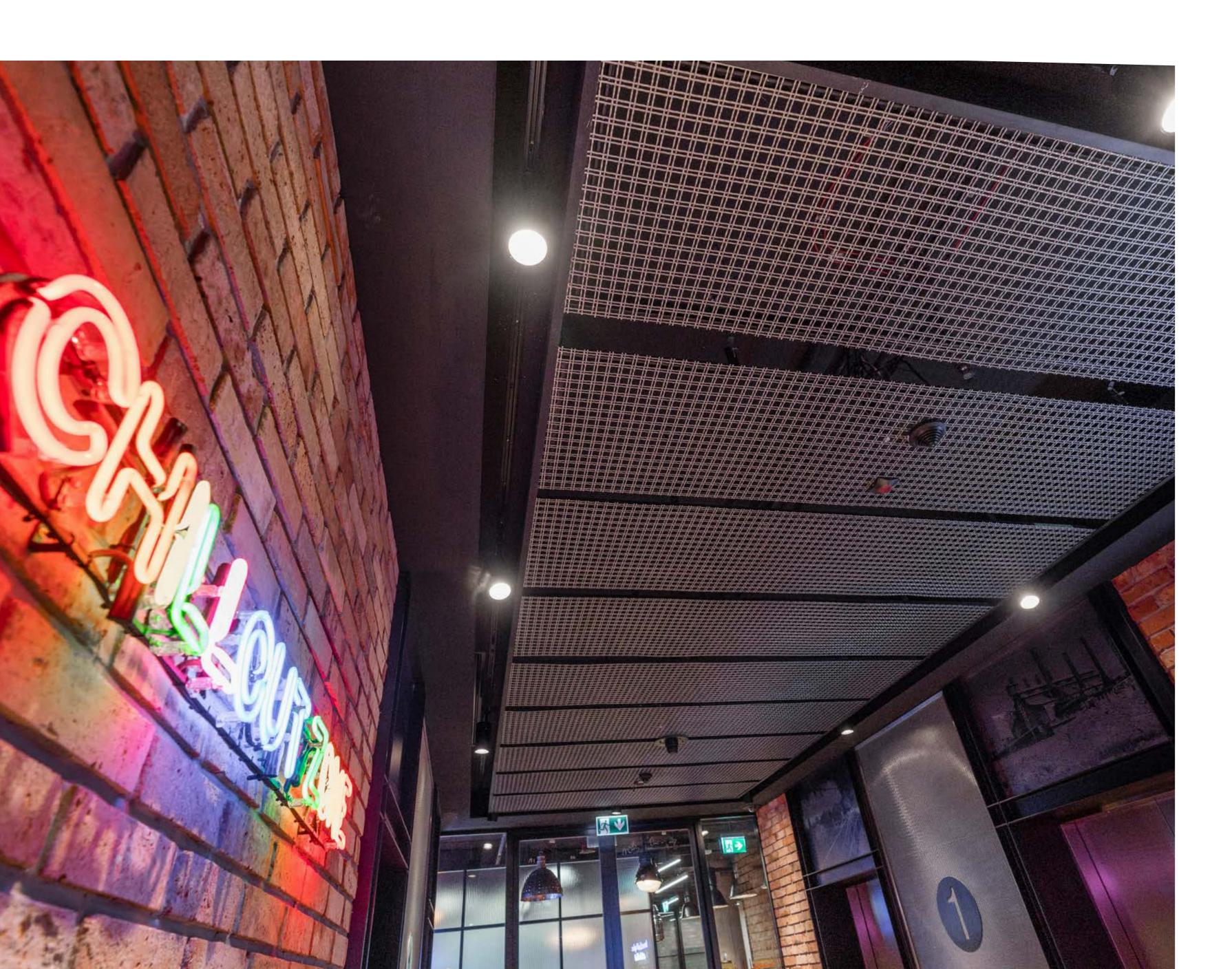
up to 2400 mm.



### **HIGH RESISTANCE**

to mechanical damage and changeable weather conditions.





# WHY CHOOSE IT?

**EXPLORE THE BENEFITS** 



### **OPENWORK STRUCTURE**

A thoughtfully chosen transparency doesn't close off the space and adds an extra breath to the interiors. It allows for free air circulation and the installation of speakers and sprinklers above the ceiling.



### **UNIFORM SURFACE**

An innovative panel mounting system allows for achieving a seamless "without joints" effect across the entire ceiling surface. The longitudinal or transverse arrangement of gaps can visually alter the interior dynamics.



### LONG-LASTING EFFECT

High resistance to mechanical damage and the durability of used materials ensures an exceptionally long-lasting visual effect.



### FIRE RESISTANCE

The materials used have fire reaction class of A1.



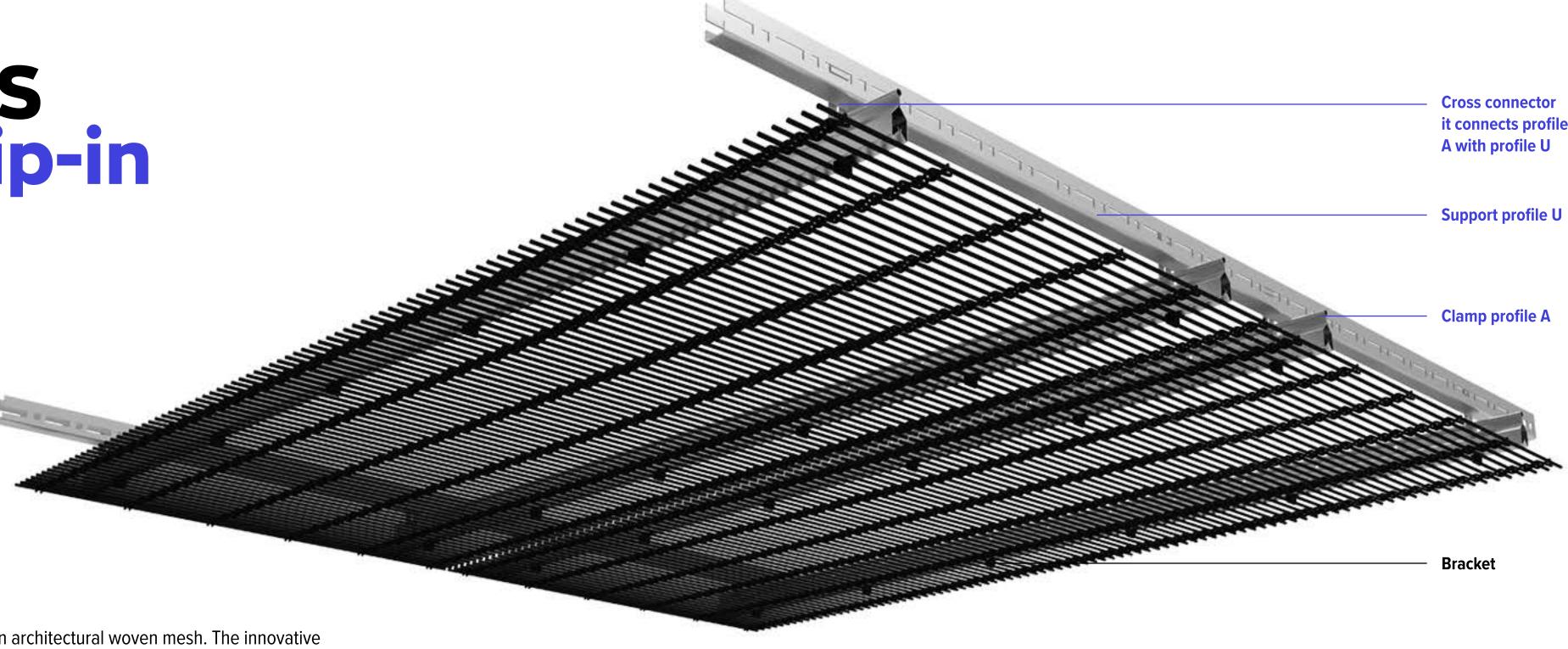
### **EASY INSTALLATION**

Easy assembly and disassembly thanks to specially developed mounting systems.



CEILING SYSTEMS

PROGRESS ASTRO Clip-in



The ASTRO WAVE metal ceiling system is based on architectural woven mesh. The innovative PRO-CLIP mounting system ensures fast installation and removal of panels onto standard support structures. It is also possible to produce other formats of ceiling panels tailored to the project's needs.







Open area: **20-95** %.



**No visible** connections.



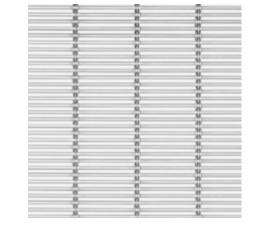
**No visible** substructure.



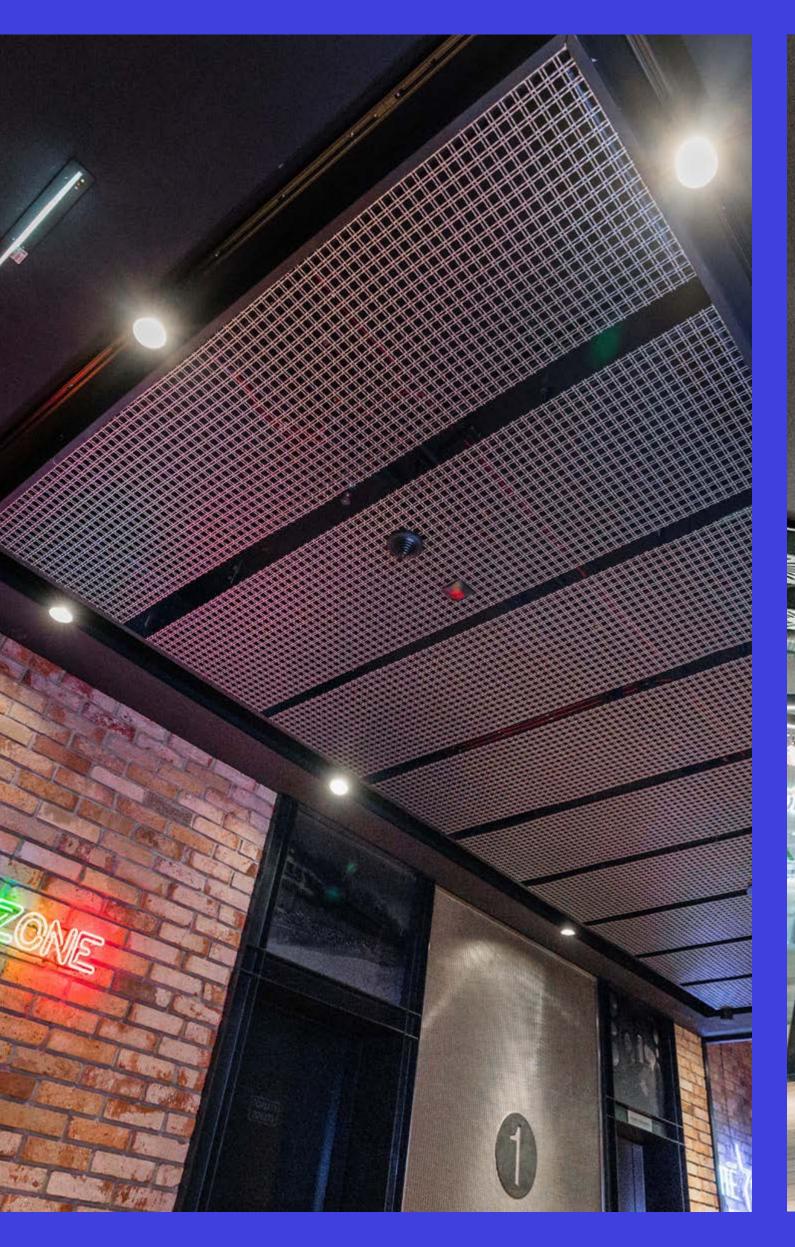
**High durability** and mechanical resistance.

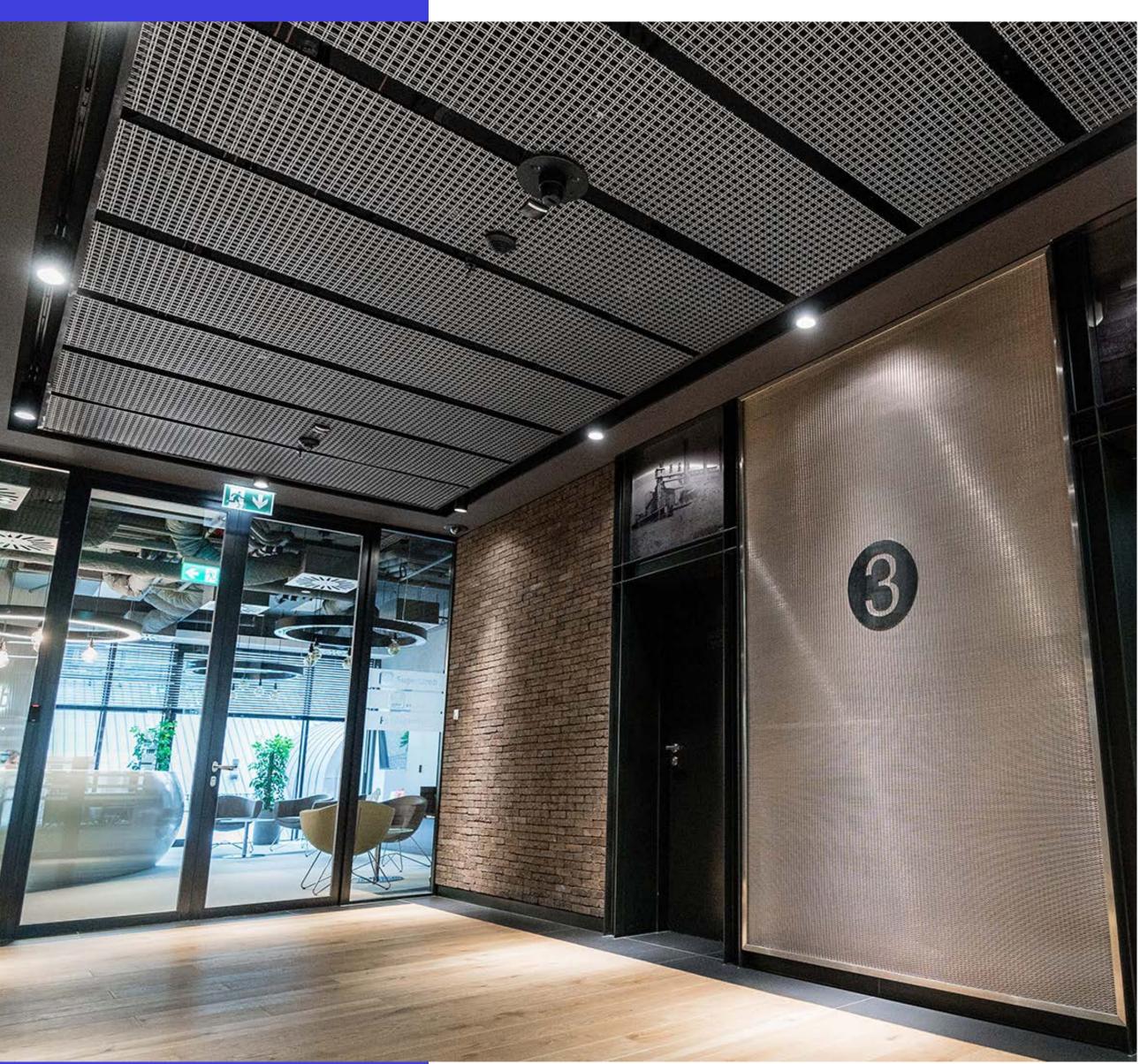


**Environmentally friendly** and recyclable product.



Infill ASTRO mesh panel woven steel mesh AQUARIUS\_P10011.

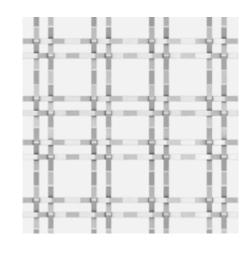


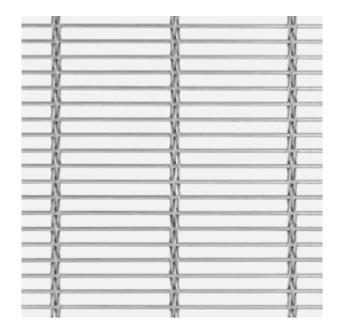


### **Powiśle Power station**

Warsaw / POLAND **LIBRA P08010** Workshop APA Wojciechowski Architekci

Infill: woven steel mesh LIBRA P08010. ASTRO product line.

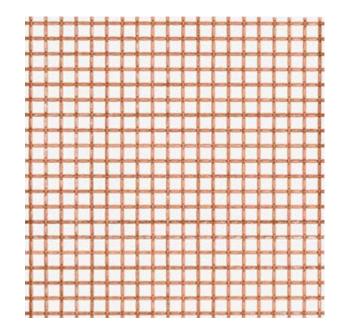




### **SAGITTARIUS P11320**

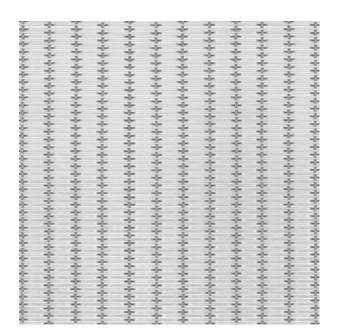
Open area: **66,1** % Material: SN

Weight: 6,2 kg/m<sup>2</sup> Mesh: **7,5×74 mm** 



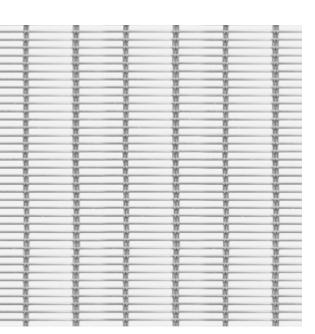
### **ARIES P01035**

Open area: **69,4** % Material: SN 0 AL Weight: **7,9 kg/m²** 15×15 mm



### **SATURN P05140**

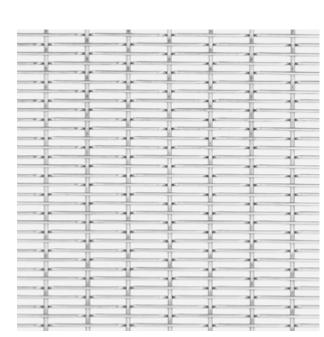
Open area: **46,7** % Material: **SN** Weight: **6,75 kg/m²** Mesh: **2,0×15,5 mm** 



### **SAGITTARIUS P11432**

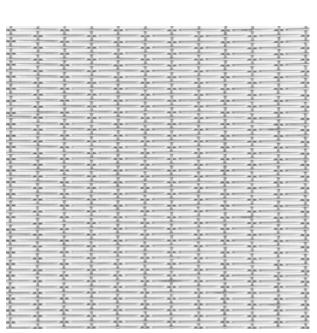
Open area: **53,3** % Material: SN

Weight: **5,6 kg/m²** Mesh: 3×32 mm



### LEO P06090

Open area: **50,6** % Material: SN 0 AL Weight: **6,0 kg/m²** Mesh: **2×15,5 mm** 



C B BR

### **SATURN P05130**

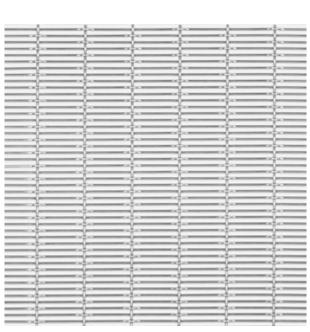
Open area: **50,6** % Material: **SN** Weight: **5,3 kg/m**<sup>2</sup> Mesh: **2×15,5 mm** 



### **SAGITTARIUS P11440**

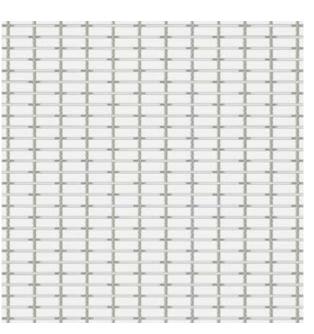
Open area: **56,2** % Material: SN

Weight: **7,9 kg/m²** Mesh: **5**×**71** mm



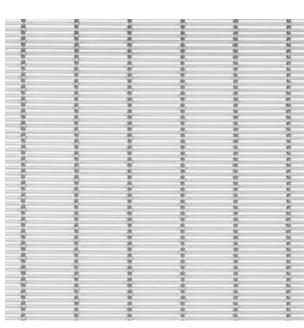
### LEO P06040

Open area: **51,1** % Material: SN 0 Weight: **7,0 kg/m²** Mesh: **2,5**×**30** mm



### **SATURN P05136**

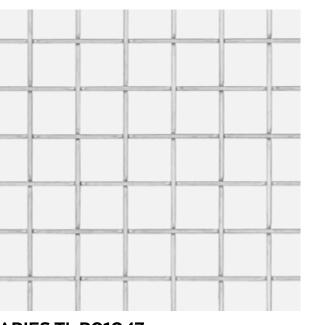
Open area: **70,9** % Material: SN Weight: 3,0 kg/m<sup>2</sup> Mesh: **6,0 × 15,5 mm** 



### **AQUARIUS P10011**

Open area: **44,6** % Material: SN

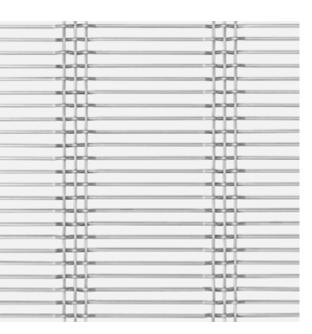
Weight: **7,3 kg/m²** Mesh: 31×2 mm



### ARIES TL PO1047

Mesh: **30×30 mm** 

Open area: **80,2** % Material: SN 0 AL Weight: **5,1 kg/m²** C B BR



### SCORPIO PO4040

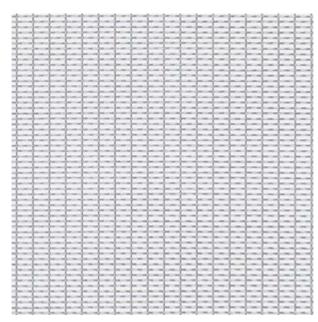
Open area: **80,2** % Material: SN Weight: 6,5 kg/m<sup>2</sup> Mesh: **7,5 × 84,0 mm** 



### **AQUARIUS P10021**

Open area: **64,0** % Material: **SN 0 AL** Weight: **7,4 kg/m²** 

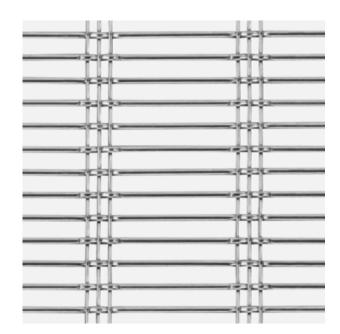
Mesh: **67,5** × **7,4** mm



### **TAURUS P02030**

Open area: **63,0** % Material: **SN SW AL** 

Weight: **3,25 kg/m**<sup>2</sup> Mesh: **2,8×10,8 mm** 



### SCORPIO PO4020

Open area: **67,78** % Material: **SN SW O** 

Weight: **8,51 kg/m²** Mesh: **11,0 × 84,0 mm**  **EXAMPLES OF** 

# **MESH PATTERNS**

MORE THAN 170 PATTERNS OF WOVEN MESHES

Available SN STAINLESS STEEL mesh **SW** CARBON STEEL materials:

O GALVANISED STEEL

**AL** ALUMINIUM

**C** COPPER

**B** BRASS

PR Pro-ZINAL®

BRONZE



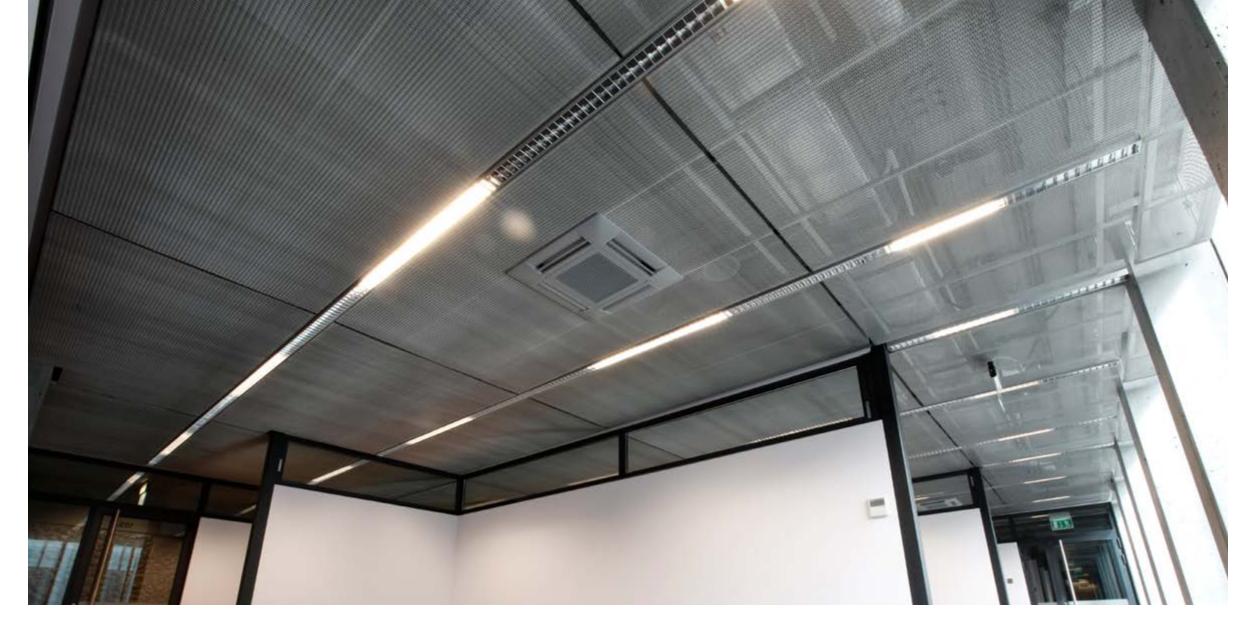
### **VIRGO P07020**

Open area: 43,30 % Material: SN SW O Weight: **7,87 kg/m²** 

Mesh: **2,0 × 15,5 mm** 

# UNLIMITED POSSIBILITIES WITH MESHES





### **BENDING**

Enables harmonious fitting of the metal fabric to various shapes of the structure.

Allows for creating interesting visual effects, e.g., light refraction that adds depth and movement to the structure.

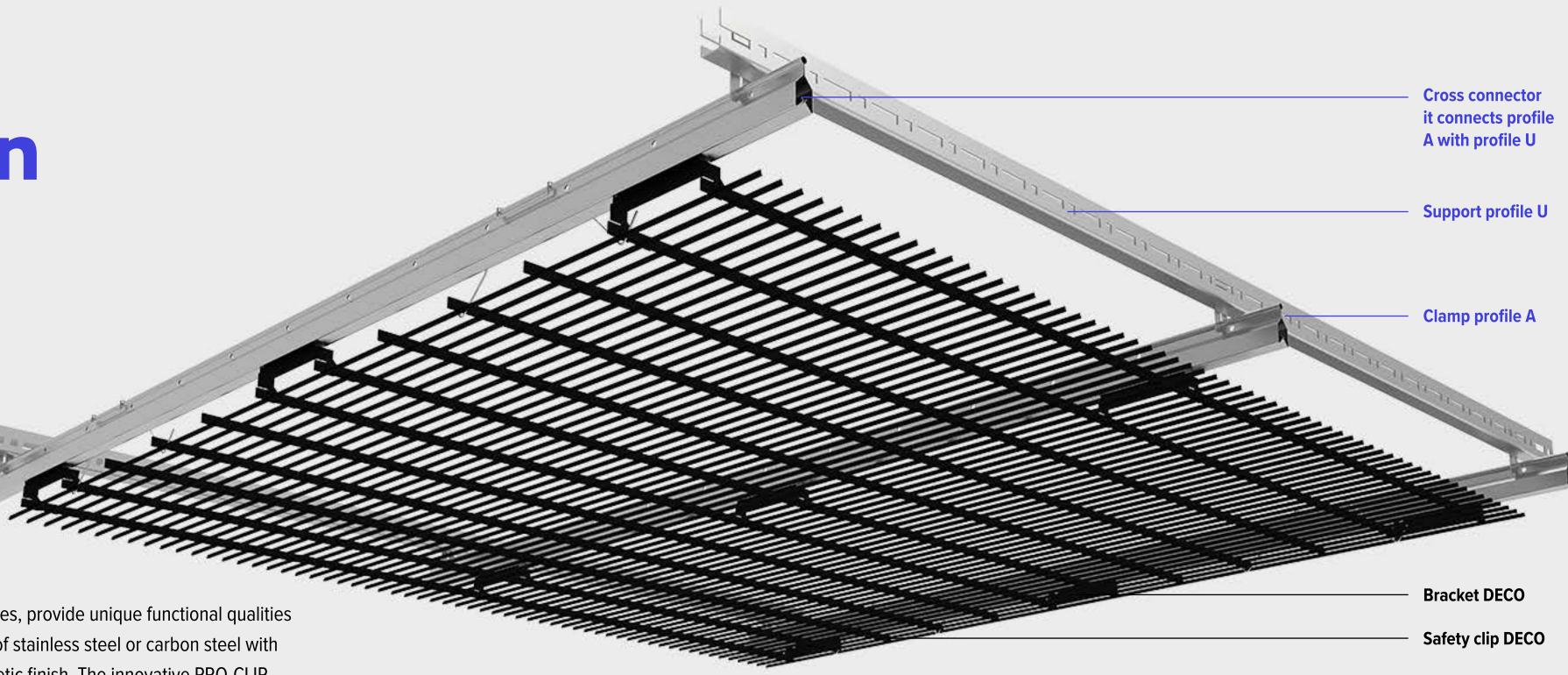
### HOMOGENEITY

The use of large-format ceiling panels allows the surface to be homogeneous and conceal technical equipment while creating a smooth effect.



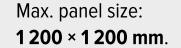
**CEILING SYSTEMS** 

PROGRESS DECO Clip-in



DECO Metal Ceilings, made from welded architectural grilles, provide unique functional qualities and original visual effects for modern architecture. Made of stainless steel or carbon steel with PRO-ZINAL®, they ensure exceptional durability and aesthetic finish. The innovative PRO-CLIP mounting system guarantees assembly-disassembly of panels onto standard support structures. It also allows for creating large-format panels. Moreover, this system offers the possibility of concealing all installations and equipment within the technical space.







Open area: **20-95** %.



No visible connections.



**No visible** substructure.



**High durability** and mechanical resistance.



**Environmentally friendly** and recyclable product.



Infill DECO grid panel steel grid RADIUS Z10040.



## Makrochem



Infill: steel grid REFLEX Z04066. DECO product line.

Grid

Location Lublin / POLAND **REFLEX Z04066** 

### PROGRESS ARCHITECTURE

### **EXAMPLES OF**

# GRID PATTERNS

# MORE THAN 40 PATTERNS OF ARCHITECTURAL GRIDS

grid materials:

Available SN STAINLESS STEEL

SW CARBON STEEL

o GALVANISED STEEL

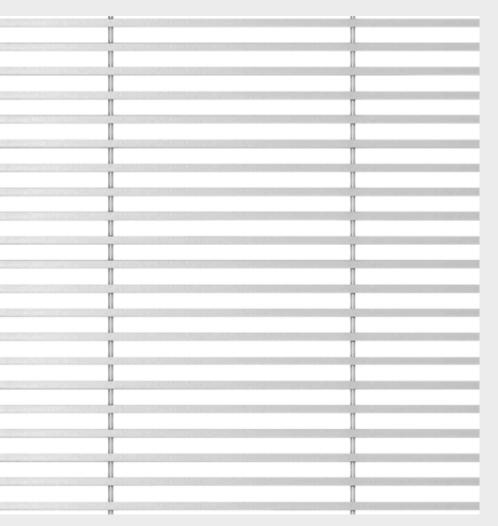
**AL** ALUMINIUM

**C** COPPER

**B** BRASS

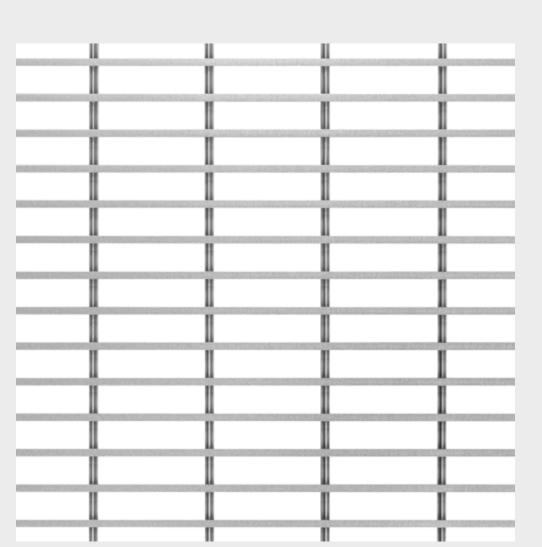
**BR** BRONZE

PR Pro-ZINAL®



### **RADIUS Z07065**

Open area: **65** % Material: **SN** Weight: **7,3** kg/m² Slot: **6,5** mm



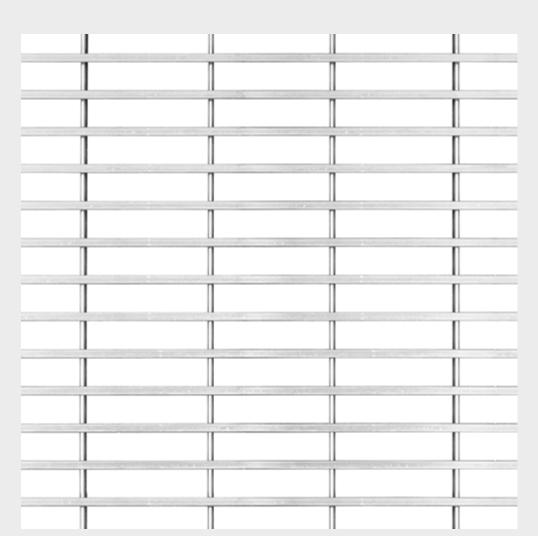
### RADIUS Z07115

Open area: **76,67** % Material: **SN** Weight: **5,9** kg/m² Slot: **11,5** mm



### RADIUS Z10080

Open area: 65 % Material: PR
Weight: 7,9 kg/m²
Slot: 8,0 mm



### **RADIUS Z10155**

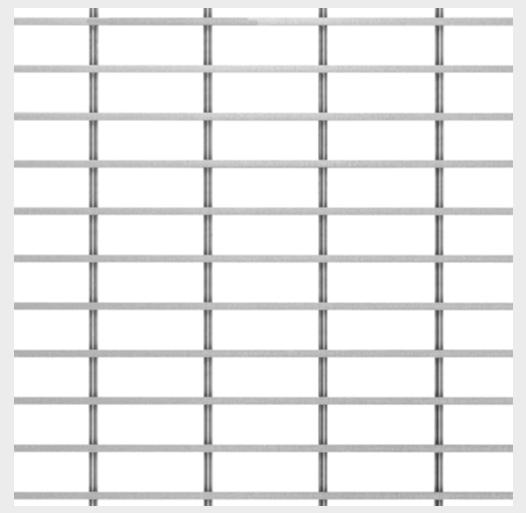
Open area: **77** % Material: **PR**Weight: **6,1 kg/m²**Slot: **15,5 mm** 



### **RADIUS Z10105**

Slot: **10,5 mm** 

Open area: **70** % Material: **PR** Weight: **6,9** kg/m²



### RADIUS Z07165

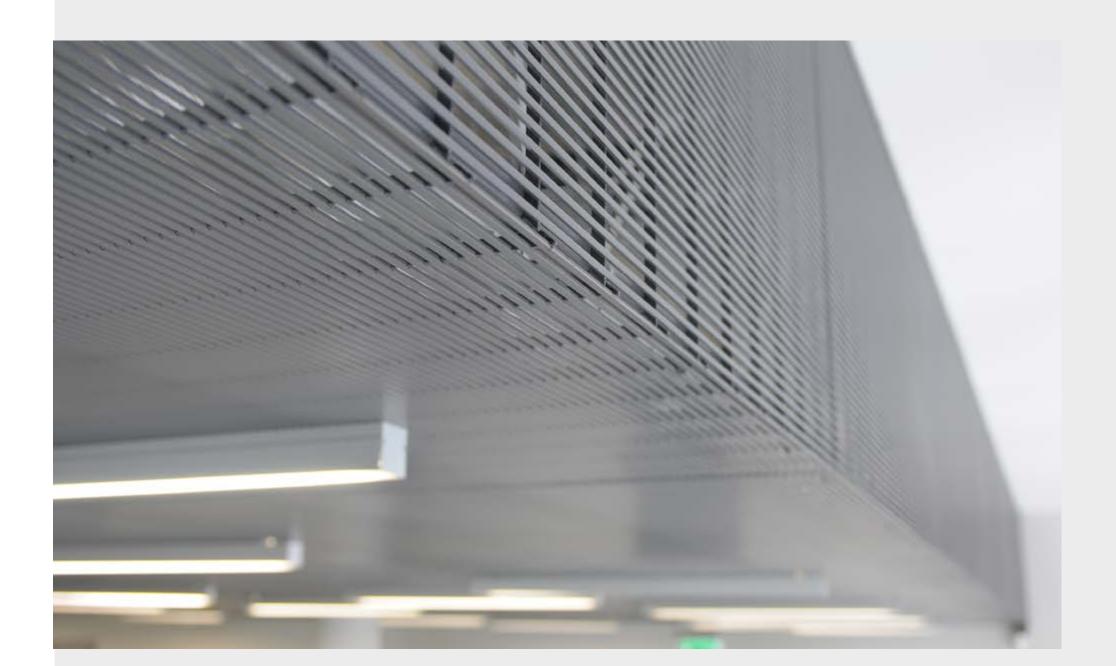
Open area: **82,50** % Material: **SN**Weight: **4,9** kg/m²
Slot: **16,5** mm

# UNLIMITED POSSIBILITIES WITH GRIDS



### **VARIABLE SLOT SIZE**

The possibility of adjusting the degree of transparency to meet the project's needs while maintaining a uniform ceiling surface.



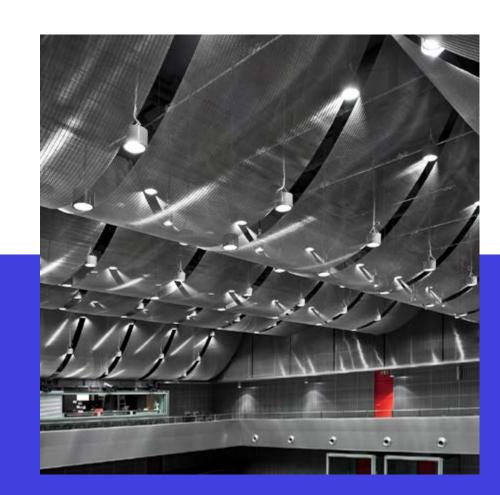


Allows for concealing level differences in the ceiling. Creates a perfect detail of connecting two surfaces.





## Kielce Trade Fairs





Infill: woven steel mesh SAGITTARIUS P11432. ASTRO product line.

Location Kielce / POLAND
Mesh SAGITTARIUS P11432

# Krakow underground passage

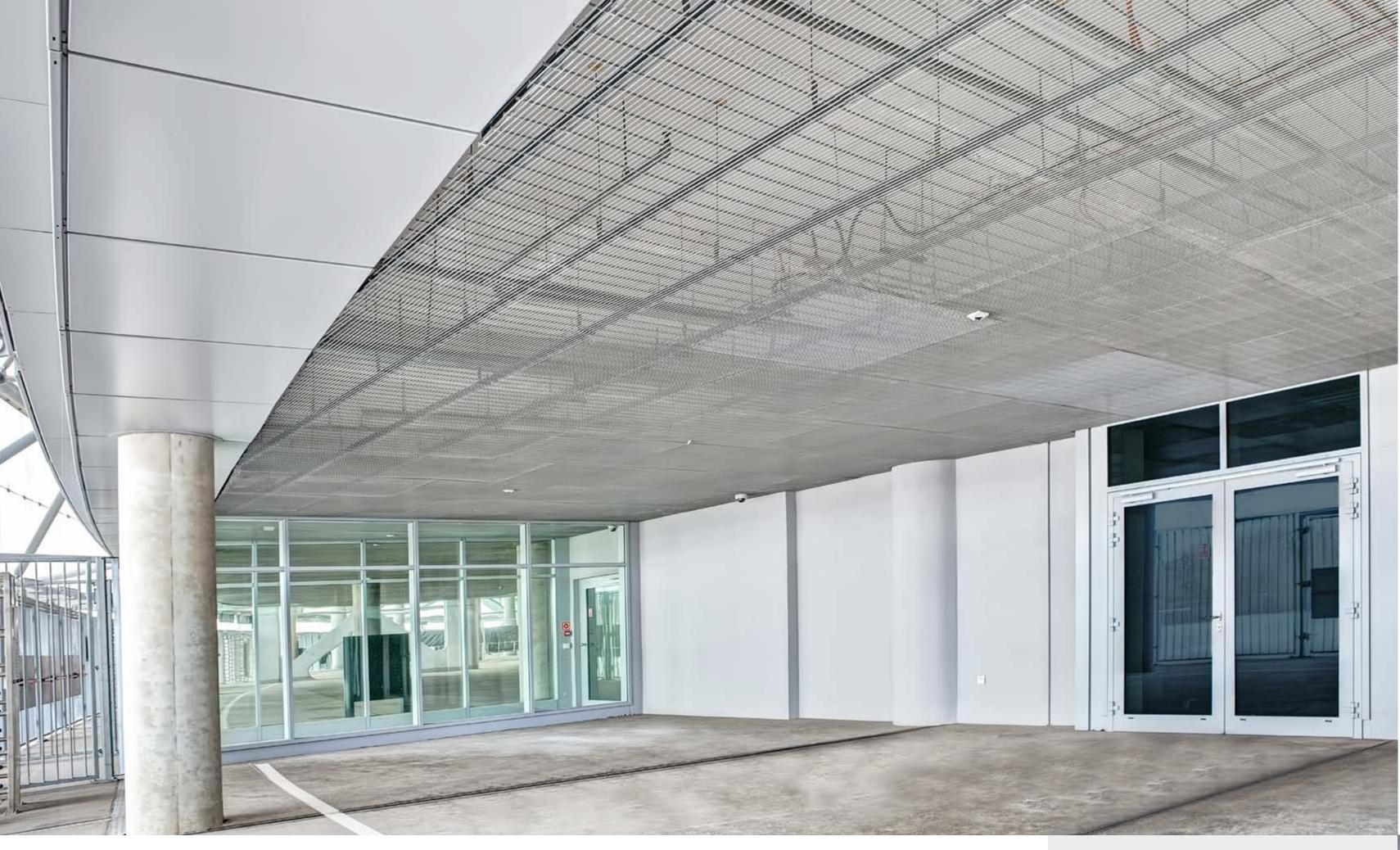
Locatior Grid Kraków / POLAND RADIUS Z08150



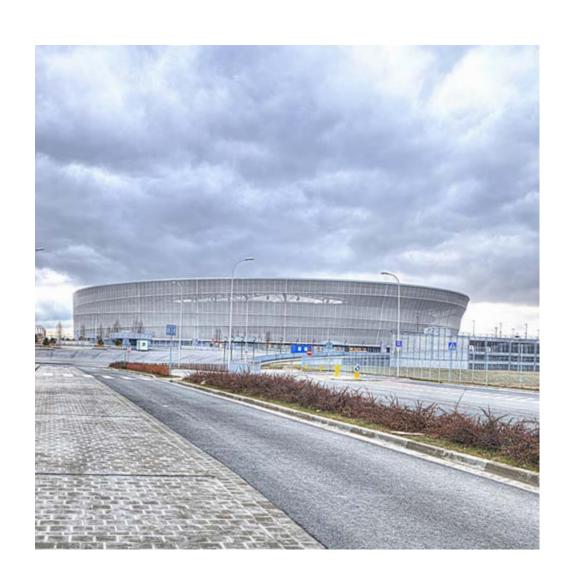
Infill: steel grid RADIUS Z08150. DECO product line.

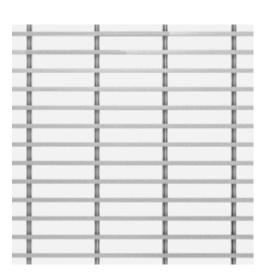






### Wrocław Stadium





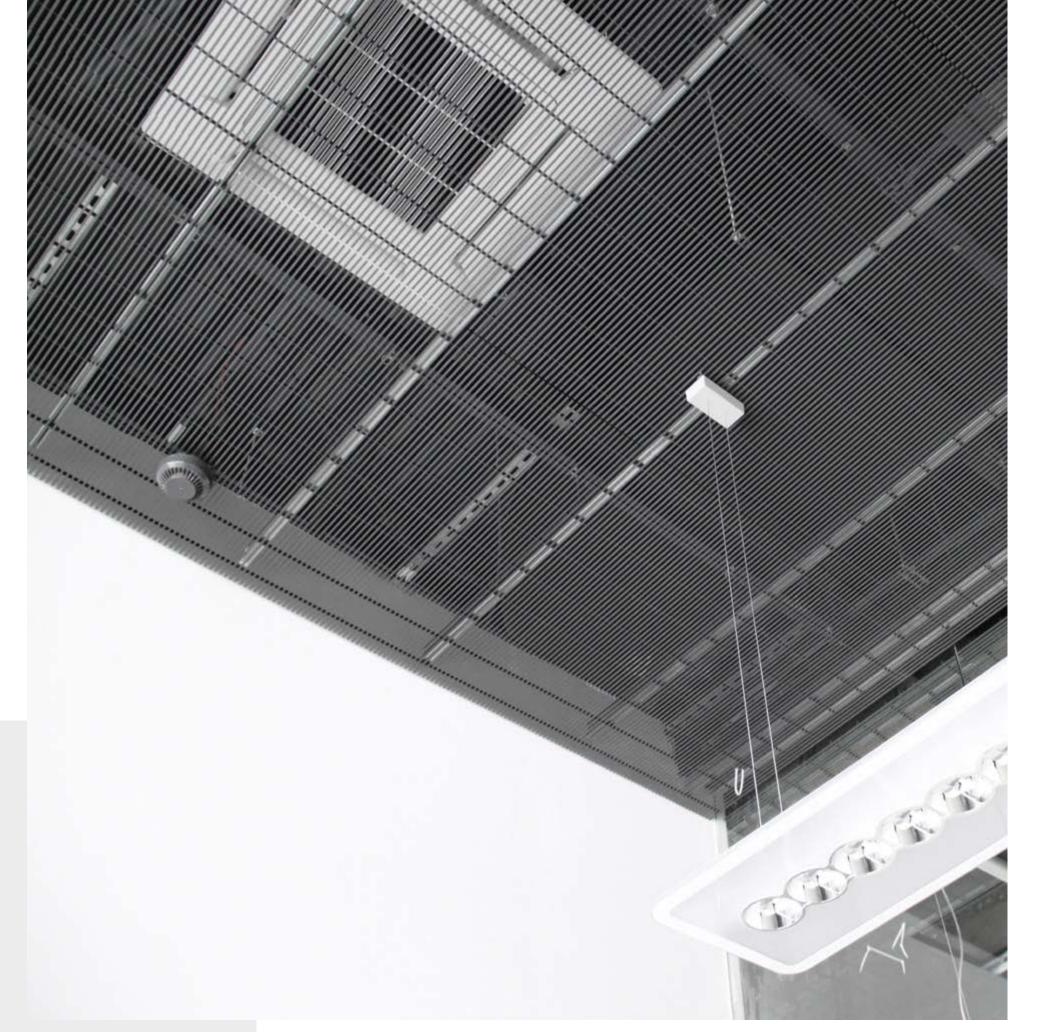
Infill: steel grid RADIUS Z08150. DECO product line.

Location Grid Wrocław / POLAND RADIUS Z08150



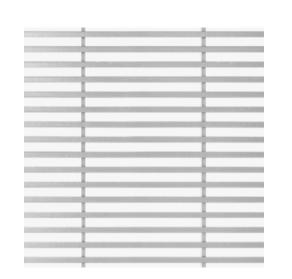
PROGRESS ARCHITECTURE

## Memorial Museum in Palmiry





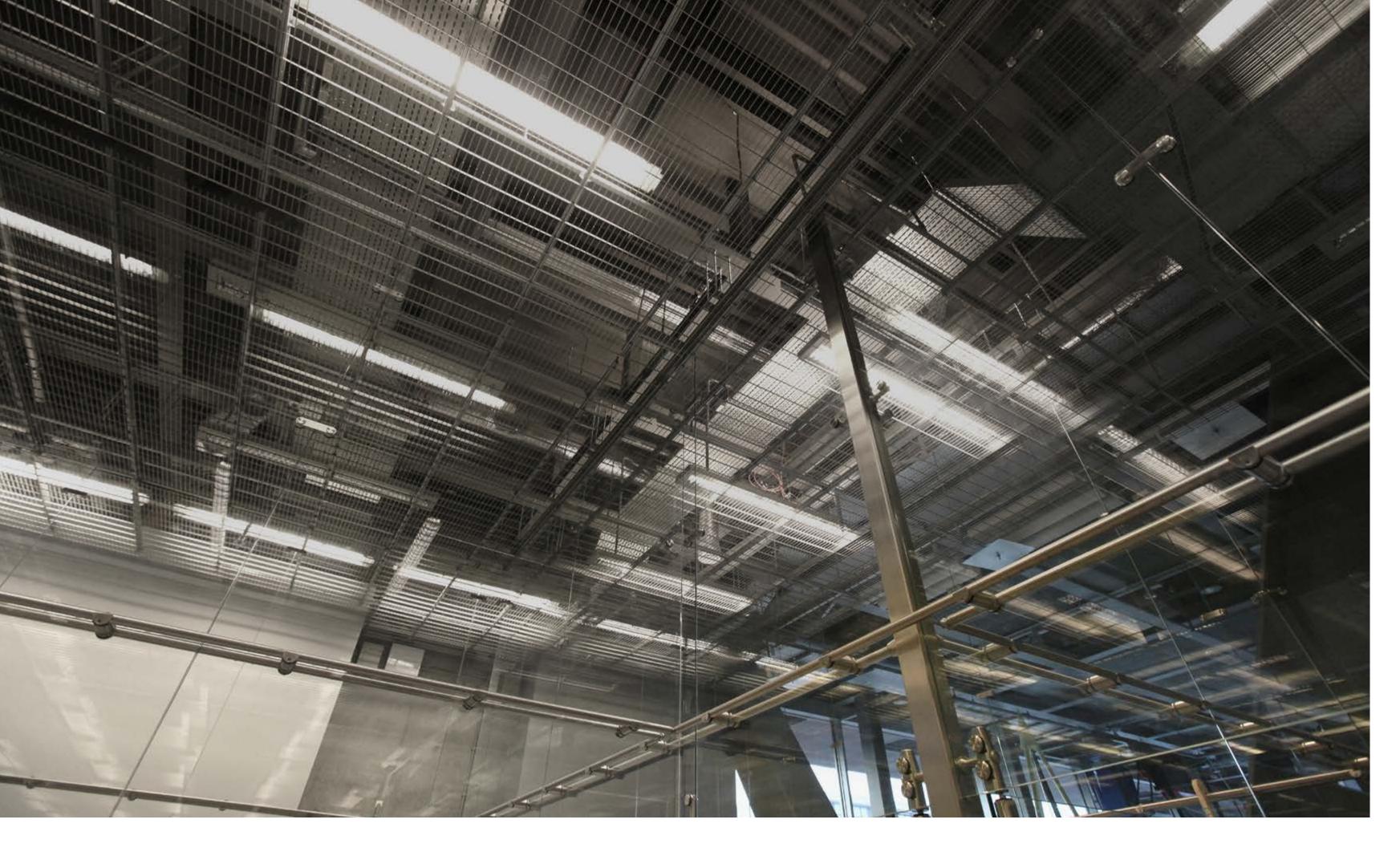




Infill: steel grid RADIUS Z08075. DECO product line.

Location Grid Workshop

Warsaw / POLAND RADIUS Z08075 WXCA Architectural office



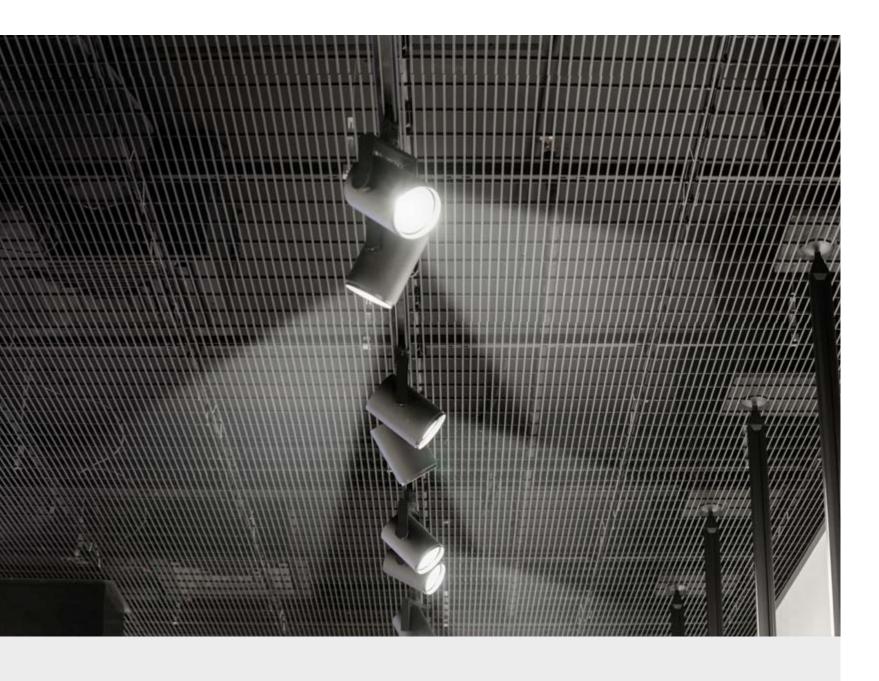
# Copernicus Science Centre



Infill: steel grid RADIUS Z07250. DECO product line.

Location Grid Warsaw / POLAND RADIUS Z07250

# Sportofino



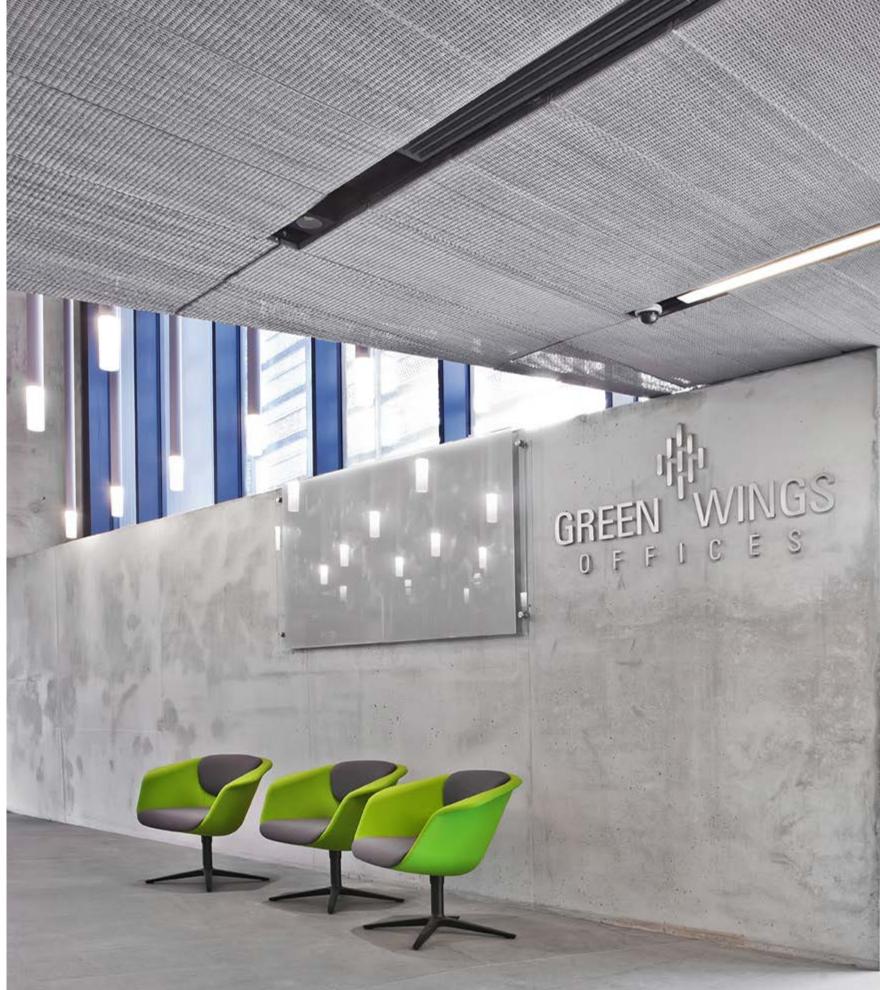


Location Gdańsk / POLAND Grid

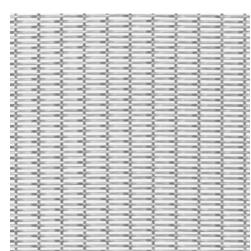
**RADIUS Z10155** 







# **Green Wings**



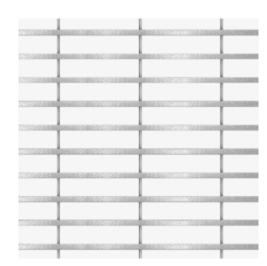
Infill: steel mesh VIRGO P07020. ASTRO product line.

Location Mesh

Warsaw / POLAND **VIRGO P07020** Workshop **JEMS Architects** 

## Nowy Rynek Shopping Centre

Location Grid Jelenia Góra / POLAND RADIUS Z10155



Infill: steel grid RADIUS Z10155. DECO product line.





# University of Warsaw







Infill: steel grid RADIUS Z10105. DECO product line.

Location Grid Warsaw / POLAND RADIUS Z10105

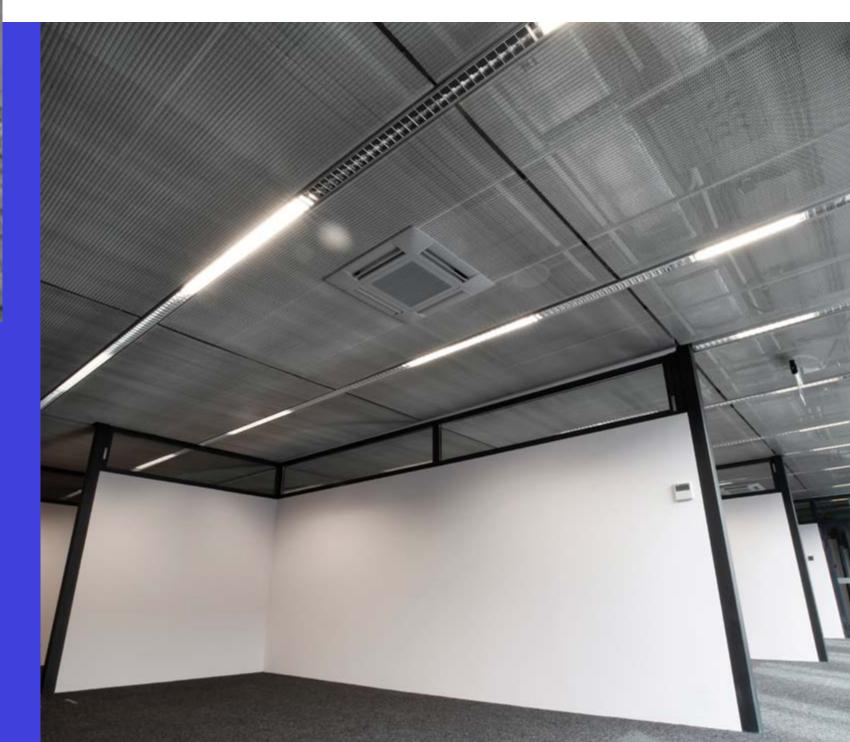
# Trzy Korony Shopping Centre

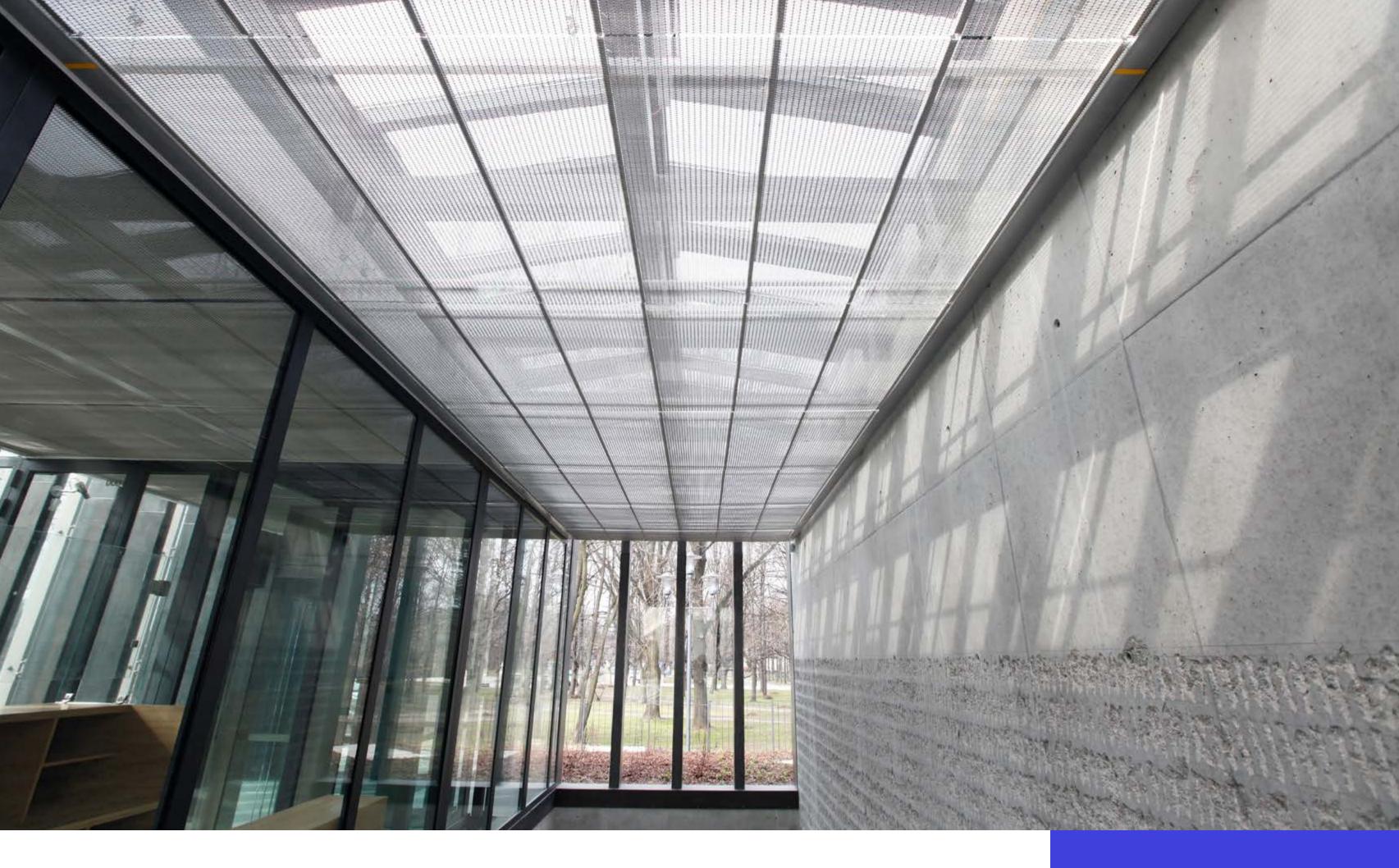




Infill: steel grid RADIUS Z10140. DECO product line.



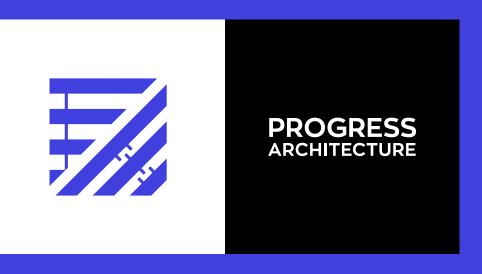




Infill: steel mesh VIRGO P07020. ASTRO product line.

Location Mesh

h Warsaw / POLAND VIRGO P07020



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